



SHEET 1 OF 1

FORM PTO - 1449

SIXTH SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: BLS-004

APPLICANT(S): Crosbie

SERIAL NO.: 09/911,092

FILING DATE: July 23, 2001

GROUP: ~~2131~~ 2155

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U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
W	A50	6,633,761 B1	10/14/03	Singhal et al.	455	436	8/11/00

FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								

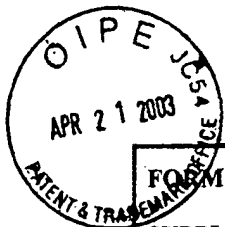
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SHEET 1 OF 1

FORM PTO - 1449

ATTORNEY DOCKET NO.: BLS-004

SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT

APPLICANT(S): Crosbie

SERIAL NO.: 09/911,092

FILING DATE: 7/23/01

GROUP: 2153

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U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
Sw	A44	5,940,591	08/17/99	Boyle et al.	395	187.01	
	A45	6,014,558	01/11/00	Thomas	455	410	
	A46	6,081,900	06/27/00	Subramaniam et al.	713	201	
	A47	6,134,591	10/17/00	Nickles	709	229	
	A48	6,427,174 B1	07/30/02	Sitaraman et al.	709	245	11/12/98
	A49	6,493,749 B2	12/10/02	Paxhia et al.	709	220	08/17/98

FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
Sw	C33	International Search Report for International Application No: PCT/US02/30558, dated 28 March, 2003.							

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SHEET 1 OF 1

FORM PTO - 1449

SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT

ATTORNEY DOCKET NO.: BLS-004

APPLICANT(S): Crosbie

SERIAL NO.: 09/911,092

FILING DATE: 7/23/01

GROUP: ²¹⁵⁵~~2131~~

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
Lw	A43	5,448,570	09/05/95	Toda et al.	370	95.3	
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							MAR 26 2003
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FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
Lw	B9	EP 0 903 873 A1	24/03/99	EP	H04B	7/26			

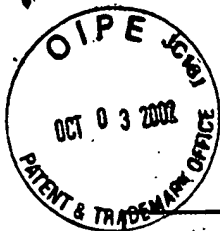
OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
Lw	C31	Bluetooth Specification Version 1.0 B, 10 Channel Control (11/29/99), pp. 95-126.
Lw	C32	International Search Report for International Application No: PCT/US01/49547, dated 28 February, 2003.
EXAMINER	Lj-h f	
	DATE CONSIDERED	9/12/01



SHEET 1 OF 1

FORM PTO - 1449				ATTORNEY DOCKET NO.: BLS-004					
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT				APPLICANT(S): Crosbie					
				SERIAL NO.: 09/911,092					
				FILING DATE: 7/23/01		GROUP: ²¹⁵⁵ 2131			
U.S. PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
<i>Lw</i>	A39	5,423,065	06/06/95	Pinard	455/33.2	455/56.1			
<i>I</i>	A40	5,901,144	05/04/99	Maki et al.	370/330	370/331			
<i>I</i>	A41	6,026,297	02/15/00	Haartsen	455/426	455/414			
<i>I</i>	A42	6,038,458	03/14/00	Siira	455/560	455/422			
FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
<i>Lw</i>	B6	EP 0 964 599 A	15.12.99	EP	H04Q	7/38			Y
<i>I</i>	B7	EP 0 982 662 A	01.03.00	EP	G06F	13/38			Y
<i>I</i>	B8	EP 0 984 639 A	08.03.00	EP	H04Q	7/00			
OTHER ART, JOURNAL ARTICLES, ETC.								RECEIVED FEB 05 2003	
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
<i>Lw</i>	C26	Bluesocket Press Release "Bluesocket Secures 5M in First-Round Funding from St. Paul Venture Capital and Osborn Capital LLC", (2 pages) [online], [Retrieved on 11/19/02]. Retrieved from the Internet: <URL: http://www.bluesocket.com/news/funding.html >.							
<i>I</i>	C27	Bray et al., "Bluetooth - Connect Without Cables", (New Jersey, Prentice Hall, 3/20/01), XP002221666, page 84, ¶5.7 - page 86, ¶5.8.							
<i>I</i>	C28	Bray et al., "Bluetooth - Connect Without Cables", (New Jersey, Prentice Hall, 3/20/01), XP002221667, page 115-118.							
<i>I</i>	C29	Mouly et al., "GSM - The System for Mobile Communications" (Palaiseau, France, 9/2/93), XP002221665, page 327 - 330.							
<i>I</i>	C30	International Search Report for International Application No: PCT/US01/51306, dated 03 December, 2002.							
EXAMINER <i>Lynch Wg</i>				DATE CONSIDERED <i>9/12/05</i>					



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FORM PTO - 1449

INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: BLS-004

APPLICANT(S): Crosbie

SERIAL NO.: 09/911,092

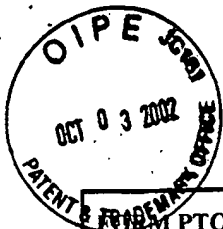
FILING DATE: 7/23/01

GROUP: ²¹⁵⁵~~2131~~

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>lu</i>	A1	5,987,062	11/16/99	Engwer et al.	375/225	375/227	
	A2	6,115,615	09/05/00	Ota et al.	455/553	455/552	
	A3	6,172,986 B1	01/09/01	Watanuki et al.	370/466	370/401	
	A4	6,195,705 B1	02/27/01	Leung	709/245	709/202	
	A5	6,243,581 B1	06/05/01	Jawanda	455/432	455/437	
	A6	2001/0012777 A1	08/09/01	Igarashi et al.	455/435	455/411	
	A7	2001/0014917 A1	08/16/01	Ishiyama et al.	709/227	709/220	
	A8	2001/0016492 A1	08/23/01	Igarashi et al.	455/433	709/217	
	A9	2001/0017856 A1	08/30/01	Asokan et al.	370/389	370/329	
	A10	2001/0020241 A1	09/06/01	Kawamoto et al.	707/202	709/229	
	A11	2001/0023446 A1	09/20/01	Balogh	709/229	709/227	
	A12	2001/0024443 A1	09/27/01	Alriksson et al.	370/401	370/329	
	A13	2001/0031634 A1	10/18/01	Mizutani et al.	455/425	455/550	
	A14	2001/0036224 A1	11/01/01	Demello et al.	375/220		
	A15	2001/0044305 A1	11/22/01	Reddy et al.	455/436	455/437	
	A16	2001/0048686 A1	12/06/01	Takeda et al.	370/401	370/338	
	A17	2002/0010758 A1	01/24/02	Chan	709/218	705/14	
	A18	2002/0013831 A1	01/31/02	Astala et al.	709/220	709/203	
	A19	2002/0032855 A1	03/14/02	Neves et al.	713/154	380/258	
	A20	2002/0032858 A1	03/14/02	Nakano et al.	713/159	713/200	
	A21	2002/0034298 A1	03/21/02	Gallagher et al.	380/247	713/155	
	A22	2002/0034301 A1	03/21/02	Andersson	380/270		
<i>↓</i>	A23	2002/0037708 A1	03/28/02	McCann et al.	455/411	455/408	

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SHEET 2 OF 5

PTO - 1449	Technology Center 2100	ATTORNEY DOCKET NO.: BLS-004
INFORMATION DISCLOSURE STATEMENT		APPLICANT(S): Crosbie
		SERIAL NO.: 09/911,092
		FILING DATE: 7/23/01
		GROUP: ²¹⁵⁵ 2131

U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>Lw</i>	A24	2002/0046179 A1	04/18/02	Kokudo	705/51		
	A25	2002/0046285 A1	04/18/02	Yasushi et al.	709/228	709/218	
	A26	6,377,548 B1	04/23/02	Chuah	370/233	370/234	
	A27	2002/0052965 A1	05/02/02	Dowling	709/230	709/203	
	A28	2002/0066029 A1	05/30/02	Yi	713/201		
	A29	2002/0066032 A1	05/30/02	Kurumida	713/201	713/202	
	A30	2002/0066036 A1	05/30/02	Makineni et al.	713/201		
	A31	2002/0069278 A1	06/06/02	Forslow	709/225	709/229	
	A32	2002/0073240 A1	06/13/02	Kokkinen et al.	709/249	709/250	
	A33	2002/0075844 A1	06/20/02	Hagen	370/351	370/328	
	A34	2002/0085719 A1	07/04/02	Crosbie			
	A35	2002/0087335 A1	07/04/02	Meyers et al.	705/1		
	A36	2002/0098840 A1	07/25/02	Hanson et al.	455/435	455/432	
	A37	2002/0101848 A1	08/01/02	Lee et al.	370/349	370/352	
<i>↓</i>	A38	2002/0114303 A1	08/22/02	Crosbie et al.			

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EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
<i>Lw</i>	B1	EP 1 011 243 A1	21/06/00	EP	29/06	12/56			
<i>↓</i>	B2	WO 00/36522	22/06/00	PCT	15/16	15/173			
<i>↓</i>	B3	WO 02/41587 A2	23/05/02	PCT	12/28	12/56			Y

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)
EXAMINER	<i>Lg ch Wif</i> DATE CONSIDERED <i>9/12/05</i>



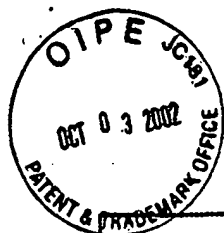
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SHEET 3 OF 5

FORM PTO - 1449					ATTORNEY DOCKET NO.: BLS-004				
INFORMATION DISCLOSURE STATEMENT					APPLICANT(S): Crosbie				
					SERIAL NO.: 09/911,092				
					FILING DATE: 7/23/01 GROUP: ²¹⁵⁵ 2431				
U.S. PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
FOREIGN PATENT DOCUMENTS									
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)
<i>Lw</i>	B4	WO 02/065707 A2	22/08/02	PCT	12/28	—			Y
<i>Lw</i>	B5	PCT/US02/08986		PCT	—	—	21/03/02		Y
OTHER ART, JOURNAL ARTICLES, ETC.									
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)								
<i>Lw</i>	C1	Bluetooth Specification Version 1.1, Section 10.9 Scatternet: 120-123 (2001).							
	C2	Bluetooth Specification Version 1.1, Part C: Link Manager Protocol: 184-252 (2001).							
	C3	Bluetooth Specification Version 1.1, Part H:1: Host Controller Interface Functional Specification: 536-780 (2001).							
	C4	Bluetooth Specification Version 1.1, Part H:2: HCI USB Transport Layer: 782-796 (2001).							
	C5	Bluetooth Specification Version 1.1, Part H:3: HCI RS232 Transport Layer: 798-818 (2001).							
	C6	Bluetooth Specification Version 1.1, Part H:4: HCI UART Transport Layer: 820-826 (2001).							
	C7	"PSDN Solution for CDMA2000 Networks," (2 pgs.) [online], [Retrieved on 1/25/02]. Retrieved from the Internet: <URL: http://www.cisco.com/warp/public/779/servpro/solutions/wireless_mobile/pdsn.html >.							
	C8	Cisco White Paper, "Cisco Code-Division Multiple Access Performance Management", (15 pgs.) [online], [Retrieved on 1/25/02]. Retrieved from the Internet: <URL: http://www.cisco.com/warp/public/779/servpro/solutions/wireless_mobile/pdsn.html >.							
	C9	Haartsen, J., "Bluetooth-The universal radio interface for <i>ad hoc</i> , wireless connectivity", <i>Ericsson Review</i> No. 3, pgs. 110-117, 1998, XP000783249 ISSN: 0014-0171							
EXAMINER <i>L. L. L.</i>					DATE CONSIDERED 9/12/05				



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SHEET 4 OF 5

FORM PTO - 1449				ATTORNEY DOCKET NO.: BLS-004						
INFORMATION DISCLOSURE STATEMENT				APPLICANT(S): Crosbie						
				SERIAL NO.: 09/911,092						
				FILING DATE: 7/23/01						
				GROUP: ²¹⁵⁵ 2131						
U.S. PATENT DOCUMENTS										
EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE			
FOREIGN PATENT DOCUMENTS										
EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)	
OTHER ART, JOURNAL ARTICLES, ETC.										
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)									
Lw	C10	Lough et al., "A Short Tutorial on Wireless LANs and IEEE 802.11", (5 pgs.) [online], [Retrieved on 10/16/01]. Retrieved from the Internet: <URL: http://www.computer.org/students/looking/summer97/ieee802.htm >.								
	C11	"Medium Access Control (MAC) and Physical (PHY) Specifications," MAC Sublayer Management Entity: 123-128, ANSI/IEEE Std 802.11 (1999)								
	C12	Mitzel, D., "Overview of 2000 IAB Wireless Internetworking Workshop", (40 pgs.) [online], December, 2000 [Retrieved on 01/25/02]. Retrieved from the Internet: <URL: http://www.ietf.org/rfc/rfc3002.txt?number=3002 >.								
	C13	Perkins, C., "IP Mobility Support", (67 pgs.) [online], October, 1996 [Retrieved on 09/16/02]. Retrieved from the Internet: <URL: http://www.ietf.org/rfc/rfc2002.txt?number=2002 >.								
	C14	"A Practical Approach to Identifying and Tracking Unauthorized 802.11 Cards and Access Points", (26 pgs.) [online], [Retrieved on 09/10/01]. Retrieved from the Internet: <URL: http://www.interlinknetworks.com/graphics/news/wireless_detection_and_tracking.pdf >.								
	C15	"RoamAD" (6 pgs.) [online], [Retrieved on 9/16/02]. Retrieved from the Internet: <URL: http://www.roamad.com/roam >.								
	C16	Solomon, J., "Applicability Statement for IP Mobility Support", (5 pgs.) [online], October, 1996 [Retrieved on 01/25/02]. Retrieved from the Internet: <URL: http://www.ietf.org/rfc/rfc2005.txt?number=2005 >.								
	C17	Townesley, W., et al., "Layer Two Tunneling Protocol 'L2TP'," [online], August, 1999 [Retrieved on 08/29/01]. Retrieved from the Internet: <URL: http://www.ietf.org/rfc/rfc2661.txt?number=2661 >.								
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SHEET 5 OF 5

FORM PTO - 1449

INFORMATION DISCLOSURE STATEMENT

ATTORNEY DOCKET NO.: BLS-004

APPLICANT(S): Crosbie

SERIAL NO.: 09/911,092

FILING DATE: 7/23/01

GROUP: 2155 215T

U.S. PATENT DOCUMENTS

EXAM. INIT.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

EXAM. INIT.	DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG (Y/N)

OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)							
lu	C18	Vernier Networks Whitepaper, "Controlling the Network Edge: Vernier Networks and the Enterprise", (7 pgs.) [online], June, 2002 [Retrieve on 9/10/02]. Retrieved from the Internet: <URL:www.verniernetworks.com>.						
	C19	Vernier Networks Whitepaper, "High Availability for Wireless Edge Connectivity", (6 pgs.) [online], June, 2002 [Retrieve on 9/10/02]. Retrieved from the Internet: <URL:www.verniernetworks.com>.						
	C20	Vernier Networks Whitepaper, "The Vernier Networks System", (7 pgs.) [online], [Retrieve on 9/10/02]. Retrieved from the Internet: <URL:www.verniernetworks.com>.						
	C21	Vernier Networks Whitepaper, "The Three Phases of WLAN Deployments", (2 pgs.) [online], June, 2002 [Retrieve on 9/10/02]. Retrieved from the Internet: <URL:www.verniernetworks.com>.						
	C22	Vernier Networks Whitepaper, "Vernier Networks: Ensuring the Promise of 802.11b Networks", (5 pgs.) [online], June, 2002 [Retrieve on 9/10/02]. Retrieved from the Internet: <URL:www.verniernetworks.com>.						
	C23	Vernier Networks Whitepaper, "Wireless Security: Protecting Your 802.11 Network", (3 pgs.) [online], June, 2002 [Retrieve on 9/10/02]. Retrieved from the Internet: <URL:www.verniernetworks.com>.						
	C24	International Search Report for International Application No: PCT/US01/23145, dated 16/08/02						
	C25	International Search Report for International Application No: PCT/US02/08986, dated 19/08/02						

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PTO-1449 REPRODUCED INFORMATION DISCLOSURE CITATION IN AN APPLICATION NOV 26 2001 November 5, 2001 (Use several sheets if necessary)	ATTORNEY DOCKET NO. 3180.1001-001	APPLICATION NO. 09/911,092
APPLICANT David B. Crosbie		
FILING DATE July 23, 2001		GROUP 2131 2155

U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
Lw	AB 5,809,415	09/15/98	Rossmann	455	422	
↓	AC 6,137,791	10/24/00	Frid et al.	370	352	03/25/97
↓	AD 2001/0001268 A1	05/17/01	Menon et al.	370	329	
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	AF					
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	AI					
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FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
Lw AL WO 01/50781 A2	12 Jul 01	PCT	—	—	
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AP					
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PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 3180.1001-001		APPLICATION NO. 09/911,092			
INFORMATION DISCLOSURE CITATION IN AN APPLICATION				RECEIVED SEP 19 2001			
September 14, 2001 (Use several sheets if necessary)				APPLICANT David B. Crosbie			
FILING DATE July 23, 2001				GROUP 2131 2153			
U.S. PATENT DOCUMENTS				Technology Center 2100			
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Lw	AA	6,018,657	01/25/00	Kennedy, III, et al.	455	426	
	AB						
	AC						
	AD						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	AL						
	AM						
	AN						
	AO						
	AP						
	AQ						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
Lw	AR	R. Schneiderman, "Bluetooth's slow dawn: Hype gives way to hard work as expectations for the mini radio network encounter nettlesome interoperability issues," <i>IEEE Spectrum</i> :61-65 (2000).					
	AS	"Bluetooth Specification Version 1.1", <i>Lan Access Profile</i> : 275-308 (2001).					
	AT	T. Muller, "Bluetooth White Paper", <i>Bluetooth Security Architecture Version 1.0</i> : 1-33 (1999).					
	AU	ETSI HIPERLAN/2 standard [online], September 2000 [retrieved on 07-16-2001]. (3pgs.) Retrieved from the Internet < http://www.etsi.org/technicalactiv/hiperlan2.htm >.					
	AV	Berger, S., et al., "Pervasive Networking Using Bluetooth: A Status Report and Future Plans," Presentation Slides and Paper (21 pgs.) IBM Watson Research Center: (1999).					
	AW						
	AX						
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